

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Eriko Matsui  
Appl. No.: 10/597,845  
Conf. No.: 7014  
Filed: October 16, 2008  
Title: FUNCTIONAL MOLECULAR ELEMENT  
Art Unit: 2818  
Examiner: Ho, Tu Tu V  
Docket No.: 3712447-00117

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NON-FINAL OFFICE ACTION**

Sir:

In response to the Non-Final Office Action dated August 23, 2010, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 4 of this paper.